МАТЕМАТИЧЕСКИЙ СБОРНИК
Том 105(147)(1978), вв. 1–4 и Том 106(148)(1978), вв. 1–2
MATHEMATICS OF THE USSR–SBORNIK
Volume 34, Numbers 1–6, 1978

AUTHOR INDEX

Andrianov, A. N. *Euler expansions of theta-transforms of Siegel modular forms of degree n* ... 259

Apresjan, S. A. *Localization of ideals and asymptotic uniqueness theorems for functions with restrictions on growth* ... 561

Babin, A. V. *An expression for the solution of a differential equation in terms of iterates of differential operators* ... 411

Barsegjan, G. A. *On the geometric structure of the image of a disk under mappings by meromorphic functions* ... 593

Bezjaev, V. I. *Asymptotics of the density of states of hypoelliptic almost periodic operators* ... 425

Bobovič, F. R. *Cohomological triviality of bimodules over Frobenius algebras* ... 235

Bojanov, B. D. *The existence of optimal quadrature formulas with given multiplicities of nodes* ... 301

Bratiščev, A. V. and Korobeĭnik, Ju. F. *On some characteristics of the growth of subharmonic functions* ... 603

Brodskiĭ, Ju. I. *Necessary conditions for a weak extremum in optimal control problems on an infinite time interval* ... 327

Bulanov, A. P. *Approximation, by rational functions, of convex functions with given modulus of continuity* ... 1

Dao Čong Thi [Dao Chong Thi]. *Integrability of the Euler equations on homogeneous symplectic manifolds* ... 707

Dubinskiĭ, Ju. A. *Traces of functions from Sobolev spaces of infinite order and inhomogeneous problems for nonlinear equations* ... 627

Fan van Čyong [Fan van Chong]. *On a smooth selection theorem and its application to multivalued integral equations* ... 547

Favorov, S. Ju. *On the addition of the indicators of entire and subharmonic functions of several variables* ... 119

Fedosov, B. V. *A periodicity theorem in the algebra of symbols* ... 382

Fedosov, B. V. and Šubin, M. A. *The index of random elliptic operators. I* ... 671

Generalov, A. I. *On weak and ω-high purity in the category of modules* ... 345

Giermo Lopes L. [Guillermo López L.]. See **Gončar, A. A.**

Gončar, A. A. *On the speed of rational approximation of some analytic functions* ... 131

Gončar, A. A. and Giermo Lopes L. [Guillermo, López L.]. *On Markov's theorem for multipoint Padé approximants* ... 449

Grigorenko, N. V. *On Picard-Vessiot extensions of differential fields* ... 701

Himčenko, B. N. See **Kamynin, L. I.**

Ivanov, A. V. *A problem on Abelian groups* ... 461

Kaljabin, G. A. *A generalized trace method in the interpolation theory of Banach spaces* ... 645

Kamynin, L. I. and Himčenko, B. N. *On local estimates near the boundary of solutions of a second order equation with nonnegative characteristic form* 715

Kamyšanskiĭ, N. R. *The classification of pseudo-Riemannian spaces V^n with poles for $n \geqslant 3$* 25

Karasev, M. V. and Nazaĭkinskiĭ, V. E. *On the quantization of rapidly oscillating symbols* 737

Kopeĭko, V. I. *The stabilization of symplectic groups over a polynomial ring* 655

Korobeĭnik, Ju. F. See **Bratiščev, A. V.**

Krylov, N. V. *Some properties of the normal image of convex functions* 161

———. *On passing to the limit in degenerate Bellman equations.* I 765

Marčenko, V. M. *On the theory of canonical forms for control systems with delay* 357

Mokin, Ju. I. *On two models of the steady state motion of charged particles in a vacuum diode* 785

Muraveĭ, L. A. *Analytic continuation with respect to a parameter of the Green's functions of exterior boundary value problems for the two-dimensional Helmholtz equation.* III 55

Mustafin, G. A. *Nonarchimedean uniformization* 187

Nazaĭkinskiĭ, V. E. See **Karasev, M. V.**

Novokšenov, V. Ju. *A singular integral equation with small parameter on a finite interval* 475

Oskolkov, V. A. *Some bases in spaces of regular functions and their application to interpolation* 215

Parovičenko, I. I. *On some questions connected with the iteration of set-theoretic operations* 813

Pinčuk, S. I. *On holomorphic mappings of real analytic hypersurfaces* 503

Plamenevskiĭ, B. A. *On an algebra of pseudodifferential operators in spaces with weighted norms* 841

Safonov, M. V. *On the Dirichlet problem for Bellman's equation in a plane domain.* II 521

Sallinen, E. V. *Extremal problems on classes of quasi-conformal homeomorphisms* 99

Sedenko, V. I. *On the normal form of nonlinear partial differential equations on the real axis* 111

Semenov, Ju. M. *On the controllability of linear systems with constant coefficients* 147

Skljarenko, E. G. *Pure and finitely presentable modules, duality homomorphisms and the coherence property of a ring* 173

Sljusarčuk, V. E. *Estimates of the spectra and the invertibility of functional operators* 243

Storoženko, È. A. *Approximation of functions of class H^p, $0 < p \leqslant 1$* 527

Šubin, M. A. See **Fedosov, B. V.**

Suetin, S. P. *On the convergence of rational approximations to polynomial expansions in domains of meromorphy of a given function* 367